

FIG. 2



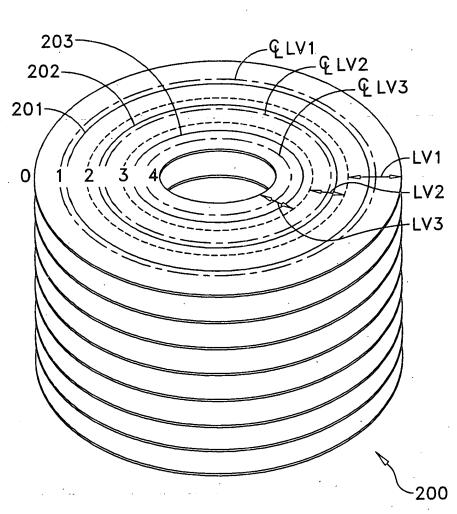


FIG. 3



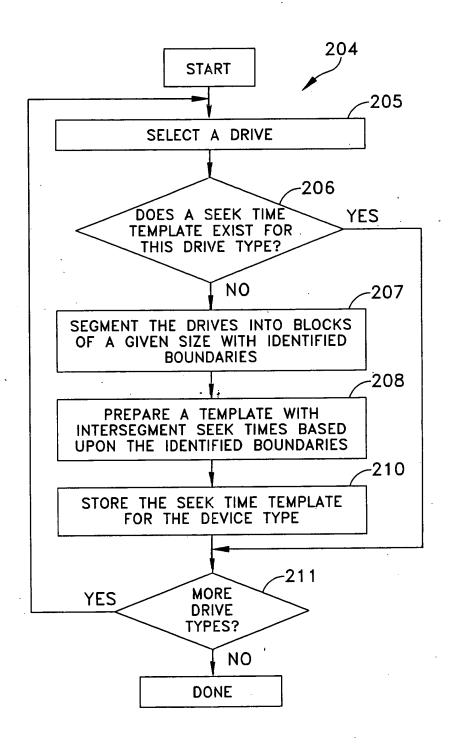


FIG. 4



	INITIAL	MEASURED SEEK TIMES (msec)						
209	ADDRESS (GB)	TARGET ADDRESS (GB)						
		4	3	2	1	0		
]	0	3.8	3.4	3.2	3.0			
	1	3.6	3.5	3.1				
	2	3.5	3.3					
	3	3.35			5Α	G		

MEAS	URED S	SEEK TI	INITIAL			
	TARG	ET ADD (GB)		ADDRESS (GB)	223	
0	1	2	3	4		
1	3.0	3.2	3.4	3.8	0	
/ z,p	/ z,p		3.5	3.6	1	
224			3.3	3.5	2	
	у -		-p-q-	3.35	3	

FIG. 5B 225

	MEAS	URED S	INITIAL ADDRESS			
		TARG	(GB)			
	0	1	2	3	4	
Ì	2.8*	3.0	3.2	3.4	3.8	0
		2.9*	3.1	3.5	3.6	1
			3.05*	3.3	3.5	2
				3.15 [*]	3.35	3
l	G.	5C			3.20*	4



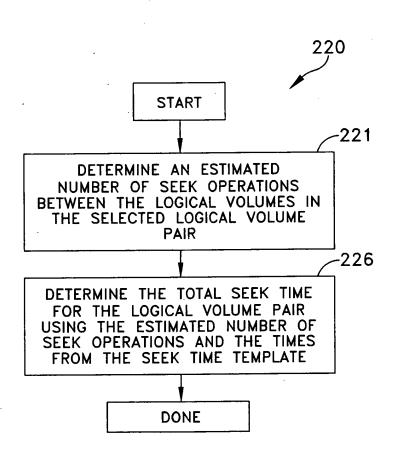


FIG. 6



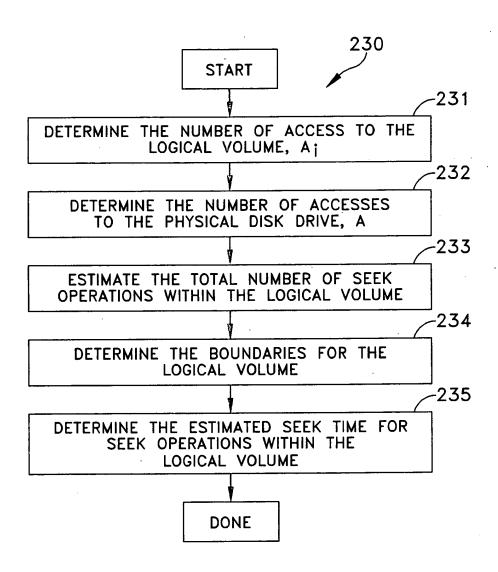


FIG. 7

117 **START** -240 COLLECT DISK ACCESS STATISTICS FOR EACH LOGICAL VOLUME IN THE PHYSICAL DISK DRIVE AND INITIALIZE A SEEK TIME REGISTER INITIALIZE AN LVIPTR POINTER TO THE FIRST ITEM ON A LOGICAL VOLUME LIST FOR THE PHYSICAL DISK DRIVE -242 USE THE LVIPTR POINTER TO SELECT LOGICAL VOLUME I FROM THE LIST DETERMINE AN INTRAVOLUME SEEK TIME FOR THE LOGICAL VOLUME I (PROCEDURE 230 IN FIG. 7) -244 ADD THE INTRAVOLUME SEEK TIME TO THE SEEK TIME REGISTER VALUE -245 SET THE LVIPTR POINTER TO THE NEXT LOGICAL VOLUME (E.G., LVIPTR = LVIPTR + 1) -246 USE THE LVjPTR POINTER TO SELECT THE LOGICAL VOLUME J FROM THE LOGICAL VOLUME LIST -247 DETERMINE THE INTRAVOLUME SEEK TIME FOR THE LOGICAL VOLUMES 1, j
(PROCEDURE 204 IN FIG. 6) -250 ADD THE INTRAVOLUME SEEK TIME TO THE SEEK TIME REGISTER VALUE -251 **END** YES OF LIST? NO -252 INCREMENT THE LVJPTR POINTER 253 **END** YES OF LIST? NO -254 INCREMENT THE LVIPTR POINTER -255 RECORD THE SEEK TIME IN THE SEEK TIME REGISTER FOR THE PHYSICAL DISK DRIVE FIG. 8 DONE